



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<b>(21) International Application Number:</b> PCT/US98/11054 <b>(22) International Filing Date:</b> 29 May 1998 (29.05.98) <b>(30) Priority Data:</b> 08/868,216      3 June 1997 (03.06.97)      US <b>(71) Applicant:</b> INFOGEAR TECHNOLOGY CORPORATION [US/US]; Suite 200, 2055 Woodside Road, Redwood City, CA 94061 (US). <b>(72) Inventor:</b> GIORDANO, Joseph, III; 2324 Hobart Avenue, Southwest, Seattle, WA 98116 (US). <b>(74) Agents:</b> GLENN, Michael, A. et al.; Law Offices of Michael A. Glenn, P.O. Box 7831, Menlo Park, CA 94026 (US).		<b>(81) Designated States:</b> AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, GW, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, UZ, VN, YU, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i>

**(54) Title:** METHOD AND APPARATUS FOR ICONIFYING AND AUTOMATICALLY DIALING TELEPHONE NUMBERS WHICH APPEAR ON A WEB PAGE

**(57) Abstract**

A method and apparatus are provided for recognizing and accessing telephone numbers from a Web page. In the preferred embodiment of the invention, an HTML code of an accessed Web page is parsed and converted. A parsing algorithm applied to the text in the HTML document pattern-recognizes telephone numbers. Coding is added to iconify the recognized telephone numbers. The user's Internet-capable telephone displays the iconified telephone numbers. All previously-active links and graphical displays supported by the Internet-capable telephone are maintained in this display. To call a phone number, the user selects the icon, and the Internet-capable phone determines how to initiate the call. For a two-line phone, the Internet-capable telephone initiates a telephone call to the selected number. For a one-line phone, the Internet-capable telephone determines whether the line is available for a call. If the line is not currently being used, the Internet-capable telephone initiates a voice call to the selected number. However, if the user is connected to the Web, the Internet-capable telephone optionally transparently disconnects from the Internet and initiates a voice call to the selected telephone number. At the conclusion of the telephone call, the Internet-capable telephone optionally transparently re-connects to the Web.

